1. Average miles per gallon (mpg) of all cars
2. Average mpg of automatic transmission cars
3. Average mpg of manual transmission cars
4. Average Displacement of cars with 4 gears
5. Average Horse power of cars with 3 carb
6. Average mpg of automatic cars with 4 gears
7. Average qsec of cars with mpg above average mpg and weight below average weight
8. Name of the vehicle which has the highest miles per gallon
9. Name of the vehicle with the highest horsepower
10. Mileage and hp of car with highest weight
11. Average of ratio of mpg to carb
12. Weight of the car with the minimum displacement
13. All columns of 3 gear cars
14. Mpg, displacement and hp columns of manual transmission cars
15. What is
    a. average mpg for 3 gear cars
    b. average mpg for 4 gear cars
    c. average mpg for 5 gear cars

    Save the results together in a vector

16. What is
    a. average hp, average wt, average sec, average vs for 3 gear cars
    b. average hp, average wt, average sec, average vs for 4 gear cars
    c. average hp, average wt, average sec, average vs for 5 gear cars

    Save the results together in a matrix or data frame